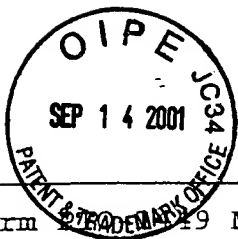




Form PTO-1009 Modified		Docket No. ISPH-0578	Serial No. 09/870,002
List of Patents and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Monia et al.	
		Filing Date May 30, 2001	Group 1655
U.S. Department of Commerce			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
N	AA	Anfossi et al., "An Oligomer Complementary to c-myc-encoded mRNA inhibits proliferation of human myeloid leukemia cell lines", <i>Proc. Natl. Acad. Sci.</i> 1989, 86, 3379-3383	
	AB	Borer, P.N., Dengler, B., Tinoco, I., Jr., and Uhlenbeck, O.C., "Stability of Ribonucleic acid Double-stranded Helices", <i>J. Mol. Biol.</i> , 1974, 86, 843-853	
	AC	Brown et al., "Modulation of ras Expression by Antisense, Nonionic Deoxyoligonucleotide Analogs", <i>Oncogene Research</i> 1989, 4, 243-252	
	AD	Capon et al., "Complete nucleotide sequence of the T24 human bladder carcinoma oncogene and its normal homologue", <i>Nature</i> 302 1983, 33-37	
	AE	Chang et al., "Comparative inhibition of ras p21 protein synthesis with phosphorus-modified antisense oligonucleotides", <i>Anti-Cancer Drug Design</i> 1989, 4, 221-232	
	AF	Chang et al., "Antisense inhibition of ras p21 expression that is sensitive to a point mutation", <i>Biochemistry</i> 1991, 30, 8283-8286	
	AG	Chiang et al., "Antisense Oligonucleotides Inhibit Intercellular Adhesion Molecule 1 Expression by Two Distinct Mechanisms", <i>J. Biol. Chem.</i> 1991, 266:18162-18171	
N	AH	De Mesmaeker et al., "Antisense Oligonucleotides", <i>Acc. Chem. Res.</i> 1995, 28:366-374	
	AI	Dignam et al., "Accurate transcription initiation by RNA polymerase II in a soluble extract from Isolated mammalian nuclei", <i>Nucleic Acids Res.</i> 1983, 11, 1475-1489	
EXAMINER		DATE CONSIDERED 11/25/01	



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Form 279 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No.	Serial No.
	ISPH-0578	09/870,002
	Applicant Monia et al.	
	Filing Date	Group
	May 30, 2001	1655

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

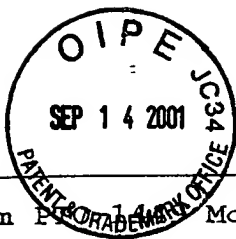
✓	AJ	Feramisco et al., "Transient reversion of ras oncogene-induced cell transformation by antibodies specific for amino acid 12 of ras protein", <i>Nature</i> 1985, 314, 639-642
	AK	Gebeyehu, G., et al., "Novel biotinylated nucleotide - analogs for labeling and colorimetric detection of DNA", <i>Nucl. Acids Res.</i> 1987, 15:4513-4534
	AL	Georges, R.N. et al., "Prevention of Orthotopic Human Lung Cancer Growth by Intratracheal Instillation of a Retroviral Antisense K-ras Construct", 1993, <i>Cancer Research</i> , 53, 1743-1746.
	AM	Greenberg, M.E., in <i>Current Protocols in Molecular Biology</i> , (F.M. Ausubel, R. Brent, R.E. Kingston, D.D. Moore, J.A. Smith, J.G. Seidman and K. Strahl, eds.), John Wiley and Sons, NY
	AN	Hall et al., "Identification of transforming gene in two human sarcoma cell lines as a new member of the ras gene family located on chromosome 1", <i>Nature</i> 1983, 303: 396-400
	AO	Hall and Brown, "Human N-ras: cDNA cloning and gene structure", <i>Nucleic Acids Res.</i> 1985, 13, 5255-5268
	AP	Holt et al., "An Oligomer Complementary to c-myc mRNA Inhibits Proliferation of HL-60 Promyelocytic Cells and Induces Differentiation", <i>Mol. Cell Biol.</i> 1988, 8, 963-973
✓	AQ	Kabanov et al., "A new class of antivirals: antisense oligonucleotides combined with a hydrophobic substituent effectively inhibit influenza virus reproduction and synthesis of virus-specific proteins in MDCK cells", <i>FEBS Lett.</i> 1990, 259, 327-330
✓	AR	Kahn et al., The c-K-ras gene and human cancer (review), <i>Anticancer Res.</i> 1987, 7, 639-652

EXAMINER	DATE CONSIDERED



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Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce		Docket No. ISPH-0578	Serial No. 09/870,002
		Applicant Monia et al.	
		Filing Date May 30, 2001	Group 1655
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
2	AS	Kawasaki et al., "Uniformly Modified 2'-Deoxy-2'-fluoro Phosphorothioate Oligonucleotides as Nuclease-Resistant Antisense Compounds with High Affinity and Specificity for RNA Targets", <i>J. Med. Chem.</i> 1993, 36, 831-841	
	AT	Kingston, R.E., in <i>Current Protocols in Molecular Biology</i> , (F.M. Ausubel, R. Brent, R.E. Kingston, D.D. Moore, J.A. Smith, J.G. Seidman and K. Strahl, eds.), John Wiley and Sons, NY.	
	AU	Kornberg, A., <i>DNA Replication</i> , W.H. Freeman & Co., San Francisco, 1980, pp 75-77	
	AV	Lima et al., "Implication of RNA Structure on Antisense Oligonucleotide Hybridization Kinetics", <i>Biochemistry</i> 1992, 31, 12055-12061	
	AW	Letsinger et al., "Cholesteryl-conjugated oligonucleotides: Synthesis, properties, and activity as inhibitors of replication of human immunodeficiency virus in cell culture", <i>Proc. Natl. Acad. Sci. USA</i> 1989, 86, 6553-6556	
	AX	Mukhopadhyay, T. et al., "Specific Inhibition of K-ras Expression and Tumorigenicity of Lung Cancer Cells by Antisense RNA", (1991) <i>Cancer Research</i> 51, 1744-1748	
	AY	Martin, P., "Ein neuer Zugang zu 2'-O-Alkylribonucleosiden und Eigenschaften deren Oligonucleotide", <i>Helv. Chim. Acta</i> 1995, 78, 486-504	
	AZ	Manoharan et al., "Cholic Acid-Oligonucleotide Conjugates for Antisense Applications", <i>Bioorg. Med. Chem. Let.</i> 1994, 4, 1053-1060	
2	BA	Manoharan et al., "Introduction of a Lipophilic Thioether Tether in the Minor Groove of Nucleic Acids for Antisense Applications", <i>Bioorg. Med. Chem. Let.</i> 1993, 3, 2765-2770	
EXAMINER		DATE CONSIDERED 10/28	



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Form P-14 Modified		Docket No. ISPH-0578	Serial No. 09/870,002
List of Patents and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Monia et al.	
U.S. Department of Commerce		Filing Date May 30, 2001	Group 1655
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
N	BB	Manoharan et al., "Antisense Strategies", <i>Ann. N.Y. Acad. Sci.</i> 1992, 660, 306-309	
	BC	Manoharan et al., "Lipidic Nucleic Acids", <i>Tetrahedron Lett.</i> 1995, 36, 3651-3654	
	BD	Manoharan et al., "Oligonucleotides Conjugates: Alteration of the Pharmacokinetic Properties of Antisense Agents", <i>Nucleosides &amp; Nucleotides</i> 1995, 14, 969-973	
	BE	McGrath, J.P. et al., "Structure and organization of the human Ki-ras proto-oncogene and a related processed pseudogene", <i>Nature</i> 1983, 304, 501-506	
	BF	Nielsen et al., "Sequence-Selective Recognition of DNA by Strand Displacement with a Thymine-Substituted Polyamide", <i>Science</i> 1991, 254, 1497	
	BG	Oberhauser et al., "Effective incorporation of 2'-O-methyl-oligoribonucleotides into liposomes and enhanced cell association through modification with thiocholesterol", <i>Nucl. Acids Res.</i> 1992, 20, 533-538	
	BH	Owen et al., "Transcriptional activation of a conserved sequence element by ras requires a nuclear factor distinct from c-fos or c-jun", <i>Proc. Natl. Acad. Sci. U.S.A.</i> 1990, 87, 3866-3870	
	BI	Petersheim, M. and Turner, D.H., "Base Stacking and Base-Pairing Contributions to Helix Stability: Thermodynamics of Double-Helix Formation with CCGG, CCGGp, CCGGAp, ACCGGp, CCGGUp, and ACCGGUp", <i>Biochemistry</i> 1983, 22, 256-263	
N	BJ	Puglisi and Tinoco, "Absorbance Melting Curves of RNAs", <i>Methods in Enzymol.</i> 1989, 180, 304-325	
EXAMINER		DATE CONSIDERED 11/25	



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Form PTO-1449 List of Patents and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. -ISPH-0578	Serial No. 09/870,002
	Applicant Monia et al.	
	Filing Date May 30, 2001	Group 1655

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	BK	Reddy, P.E. et al., "A point mutation is responsible for the acquisition of transforming properties by the T24 human bladder carcinoma oncogene", <i>Nature</i> 1982, 300, 149-152
	BL	Sanghvi et al., "Antisense oligodeoxynucleotides: synthesis; biophysical and biological evaluation of oligodeoxynucleotides containing modified pyrimidines", <i>Nucl. Acids Res.</i> 1993, 21, 3197-3203
	BM	Sanghvi, Y.S., in Crooke, S.T. and Lebleu, B., eds., <i>Antisense Research and Applications</i> , CRC Press, Boca Raton, 1993, pp. 276-288
	BN	Saison-Behmoaras, T. et al., "Short modified antisense oligonucleotides directed against Ha-ras point mutation induce selective cleavage of the mRNA and inhibit T24 cells proliferation", <i>EMBO J.</i> 1991, 10, 1111-1118
	BO	Skorski, et al., "Growth Factor-dependent Inhibition of Normal Hematopoiesis by N-ras Antisense Oligodeoxynucleotides", <i>J. Exp. Med.</i> , 1992, 175, 743-750
	BP	Svinarchuk et al., "Inhibition of HIV proliferation in MT-4 cells by antisense oligonucleotide conjugated to lipophilic groups", <i>Biochimie</i> 1993, 75, 49-54
	BQ	Shea, "Synthesis, hybridization properties and antiviral activity of lipid-oligodeoxynucleotide conjugates", et al. <i>Nucl. Acids Res.</i> 1990, 18, 3777-3783
	BR	Tidd et al., "Evaluation of N-ras oncogene anti-sense, sense and nonsense sequence methylphosphonate oligonucleotide analogues", <i>Anti-Cancer Drug Design</i> 1988, 3, 117-127
	BS	Tabin, C.J. et al., "Mechanism of activation of a human oncogene", <i>Nature</i> 1982, 300, 143-149
EXAMINER		DATE CONSIDERED 6/25/01



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List of Patents and Publications  
Cited by Applicant  
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## U. S. PATENT DOCUMENTS

Examiner		Document	Date	Name	Class	Subclass
✓	AA	4,871,838	10/3/89	Bos et al.	536	27
↓	AB	5,034,506	7/23/91	Summerton et al.	528	391
↓	AC	5,138,045	8/11/92	Cook et al.	536	27
↓	AD	5,218,105	6/8/93	Cook et al.	536	25.31
↓	AE	5,378,825	1/3/95	Cook et al.	536	25.34
✓	AF	5,459,255	10/17/95	Cook et al.	536	27.13

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES NO
✓	AG	WO 92/15680	9/17/92	PCT	X
↓	AH	PCT/US88/01024	3/22/88	PCT	X
✓	AI	WO 94/26764	11/24/94	PCT	X

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Monia et al.

Filing Date

May 30, 2001

Group

1655

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

✓	BT	Taparowsky, E. et al., "Activation of the T24 bladder carcinoma transforming gene is linked to a single amino acid change", <i>Nature</i> 1982, 300, 762-765
✓	BU	Taparowsky et al., "Structure and Activation of the Human N-ras Gene", <i>Cell</i> 1983 34: 581-6
✓	BV	Wickstrom et al., "Human promyelocytic leukemia HL-60 cell proliferation and c-myc protein expression are inhibited by an antisense pentadecadeoxynucleotide targeted against c-myc mRNA", <i>Proc. Nat. Acad. Sci.</i> 1988, 85, 1028-1032
EXAMINER	DATE CONSIDERED n/256	